

DUAL Band 19 dBm BAND SELECTIVE REPEATER

DESCRIPTION:

Dual Band Repeater System operates in both GSM and Extended GSM Bands and improves the coverage of radio communication in buildings, basements and other shadow areas.

Features such as high linearity amplifier characteristics, and sharp out of band rejection duplexers, assist in avoiding interfering signals & makes it an ideal solution for in-building installation.

SPECIFICATIONS:

GSM 900 MHz

Up Link Frequency : 890 - 915 MHz
Down Link Frequency : 935 - 960 MHz

GSM 1800 MHz

Up Link Frequency : 1710 - 1785 MHz
Down Link Frequency : 1805 - 1880 MHz

Number of Hops : 2 (1 hop in 900 MHz and the other in 1800 MHz)

Band Width : Available up on Request (1 hop in 900 MHz and the other in 1800 MHz)

Pass Band Gain : 75 dB \pm 1.5 dB / Available up on Request

Manual Gain Adjustment : 30 dB in 1 dB steps

Power Output : +19 dBm \pm 1 dB

Noise Figure : < 8 dB

Delay : < 6.5 μ Sec

In/Out Impedance : 50 ohms

Return Loss : > 10 dB

RF Connectors : N Female

Supply Voltage : 90 - 260 V Ac, 47 to 440 Hz

Operating temperature : 0° to +50° C

Physical Dimensions : 420 X 385 X 121 mm

Weight : 8 Kg



Options:

1. AGC Range : 30 dB

2. Key Pad and Display for programmability.